

INTERNATIONAL SEARCH REPORT

IB2004/003193

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A63H33/06 A63H33/08 E04B1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A63H E04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2 791 868 A (VIKEN REIDAR) 14 May 1957 (1957-05-14) the whole document -----	1-16
A	WO 00/56415 A (MACARTHUR-ONSLow, ROHAN) 28 September 2000 (2000-09-28) page 2, lines 14-17; figure 13 -----	1-16
A	US 5 823 531 A (HUBER ET AL) 20 October 1998 (1998-10-20) column 2, line 40 - column 3, line 15; figures 1-3 -----	1



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- * & * document member of the same patent family

Date of the actual completion of the international search

3 February 2005

Date of mailing of the international search report

10/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Brumme, I

INTERNATIONAL SEARCH REPORT

IB2004/003193

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2791868	A	14-05-1957	BE 546374 A CH 339547 A DE 1046524 B FR 1134228 A GB 797877 A NL 93413 C	30-06-1959 11-12-1958 09-04-1957 09-07-1958
WO 0056415	A	28-09-2000	WO 0056415 A1 AU 3264800 A	28-09-2000 09-10-2000
US 5823531	A	20-10-1998	FR 2735375 A1 AU 6309896 A CA 2178850 A1 EP 0801588 A1 WO 9700105 A1	20-12-1996 15-01-1997 15-12-1996 22-10-1997 03-01-1997